

The electronic apparatus has a radio signal characteristic extractor for extracting a characteristic of the received radio signal. A radio signal converter converts the received radio signal into a reception signal on the basis of the extracted characteristic of the radio signal. A demodulator demodulates the reception signal by selecting a demodulation scheme on the basis of the extracted characteristic of the radio signal. A reception communication protocol processing unit executes a communication protocol process of the demodulated reception signal by selecting a communication protocol processing scheme on the basis of the extracted characteristic of the radio signal.